



GRAND
JUNC-
-TION
PLAZA

LAND
COLLECTIVE



LAND COLLECTIVE has a mission that begins with gravity — an extraordinary force of nature that binds us to this Earth, linking us together in a universal truth. Humanity exists on this common ground, and when you believe in this holistically as a design practice, you concentrate your efforts on making connections between people happen. It is here, in the context of this connective tissue that LAND COLLECTIVE works as a design firm, using the disciplines of landscape architecture and urban design to bring people together in a positive dialogue. If we cannot come together in this landscape, culture will not flourish, humanity will not flourish.

Great landscapes allow people from all walks of life to engage in conversations — it is the most equitable discipline, supporting opportunities for very different sorts of people to come together. Great landscapes also incorporate multiple systems — ecological, social, and economic — into an integrated composition that supports life. A successful space is one that's well attended, and it is our aspiration that Grand Junction Plaza — a new six acre central park for the City of Westfield — should serve as the place where citizens of Westfield and their friends will come to experience life, together.

Having been raised in an environment of Quaker education, it was with great affection that I learned of Westfield's founding by members of the Society of Friends. Whether conscious of this history, it has always been my impression from my first encounter in 2013 that the citizens of Westfield embrace visitors with a warmth and generosity that speaks to the traditions of welcome deeply rooted in the Quaker tradition. It is, therefore, not surprising, that a central park for the City should aspire to welcome and unify all in a common, joyful experience. That is the goal of Grand Junction Plaza.

In the pages that follow, one can find not only the aspirations of a great landscape, but also opportunities to support it at all levels. This project is one of those that mark a moment in time when the elevation of culture occurs, when communities flourish. It is an opportunity to inform the future of Westfield in the most positive means. I look forward to engaging in conversations with all of you at Grand Junction Plaza.

Yours sincerely,



David A. Rubin, Principal
LAND COLLECTIVE

NARRATIVE AND PROJECT GOALS

Grand Junction Plaza, a new six acre park in Westfield, Indiana, is primed to become the landmark park of the Midwest. LAND COLLECTIVE has worked with the City of Westfield to design a civic space that will be the central focus of the City's development plan while mitigating regional stormwater and facilitating the restoration of Grassy Branch Creek to its pre - Swamp Act beauty. LAND COLLECTIVE and the City of Westfield have worked with the Army Corps of Engineers, Indiana Department of Environmental Management (IDEM), and the Hamilton Drainage Board to facilitate the remediation of the stream central to the site and to tie it into the regional stormwater mitigation system. Doing so has allowed the design of the park to engage the citizens of Westfield and their friends, giving everyone access to Grassy Branch Creek once more — an opportunity lost in Westfield's history but something for which the City was once known.

The park incorporates four key spaces, imaginatively extracted from a singular cube of limestone. They consist of three pavilions: an outdoor performance venue, a café, and a trailhead pavilion at the convergence of several highly utilized bicycle and pedestrian thoroughfares, and a children's play area defined by the fourth missing piece of the cube. In concert with these pavilions, the park features fountains, a winter ice skating loop, and age-specific child play areas. The Plaza area at the northwest quadrant of the park will become a central gathering place for festivals, markets, and other events hosted by the City throughout the year. In collaboration with the City, LAND COLLECTIVE has designed this signature park along with a team of extraordinary collaborators, including: Hollwich Kushner Architects (HWKN), Ratio Architects, Linnaea Tillett Lighting Design Associates, Bruce Mau Design, Stantec, ETM Associates, and FlatLand Resources.



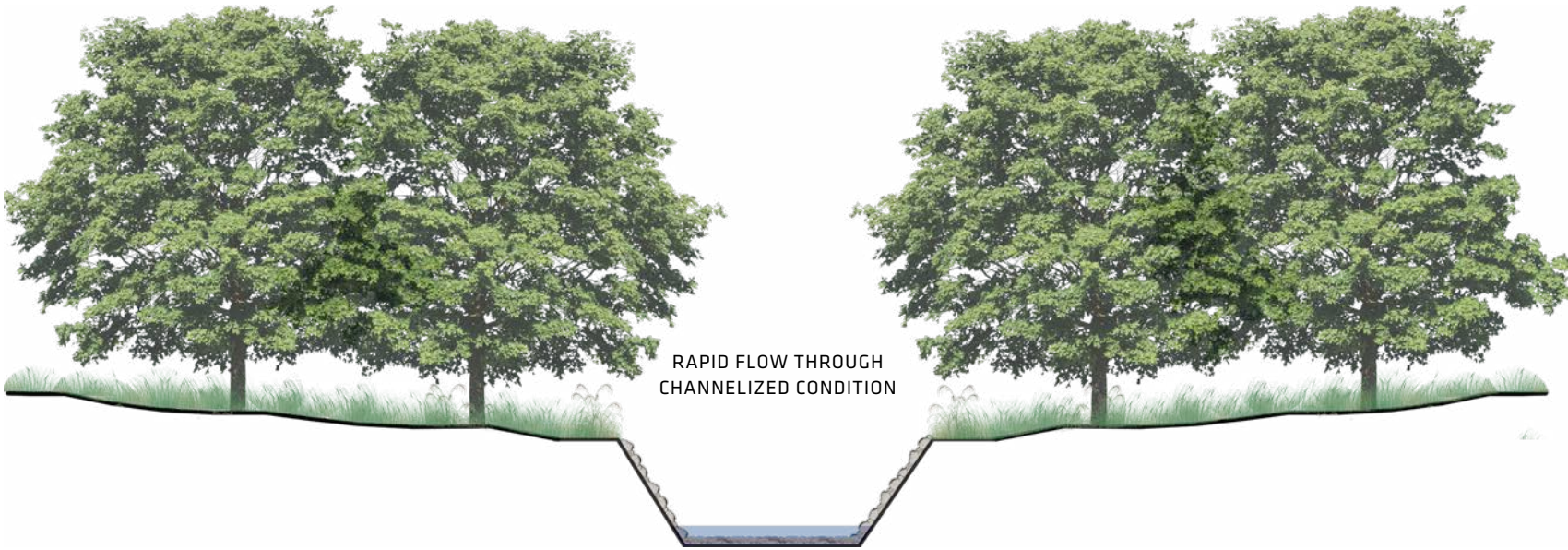
PROJECT ORIGINS
STORMWATER MANAGEMENT, RIPARIAN RESTORATION AND THE SWAMP ACT OF 1850

In 1850, Indiana adopted the Swamp Act, channelizing streams as a way to turn “useless” wetland into profitable and productive agricultural fields. As a result, naturally stable stream conditions deteriorated rapidly and tons of topsoil has been lost to erosion in times since, affecting silt build-up as far south as the Mississippi Delta.

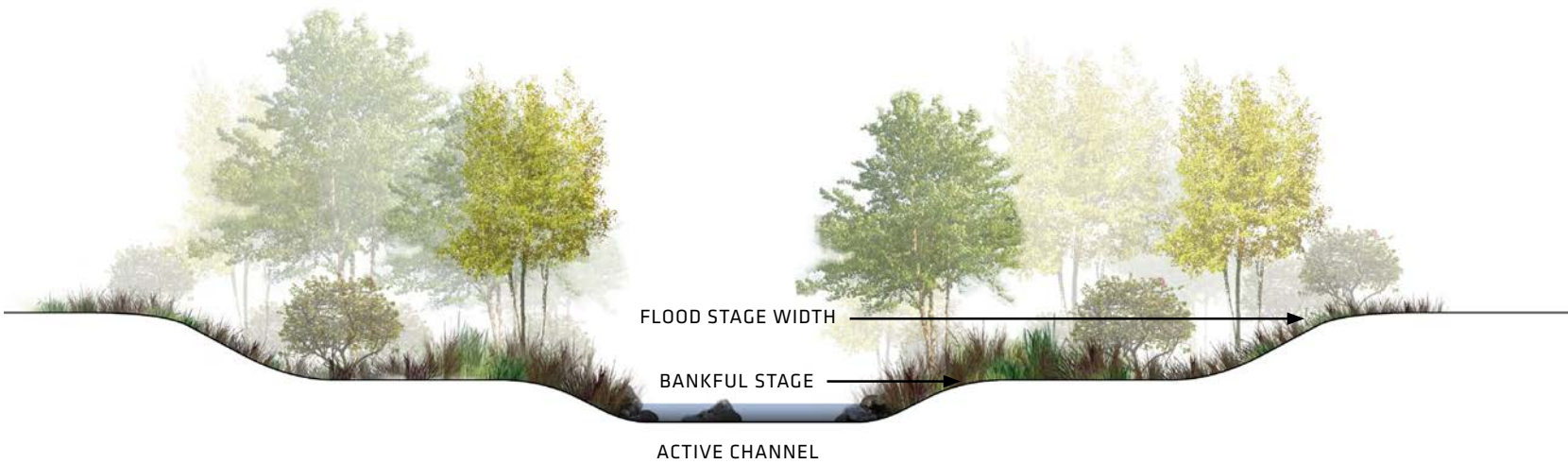
Upon accepting the commission for the design of Grand Junction Plaza, LAND COLLECTIVE identified the instability of Grassy Branch Creek’s channel as a condition in need of repair, if the project was to be successful. Although Westfield’s plans for a regional stormwater mitigation area were underway, its completion was months shy of the 500-year storm event that made evident the challenges of stream channelization undertaken 163 years earlier. In April 2013, a major storm event took place in Westfield. Debris in the channelized stream was constrained by a 48 inch pipe, blocking the flow of water downstream. As a result, a flash flood broke the levee and flooded the project site and significant portions of downtown Westfield. This event highlighted the necessity of the Grand Junction Plaza project and the restoration of the riparian corridor to its pre - Swamp Act conditions, as well as the establishment of a new levee, Mill Street, and weir. This opportunity for a healthy riparian corridor allows the citizens of Westfield to engage with the Grassy Branch Creek, turning the waterway into a public amenity once more.



STORM OF APRIL 10, 2013



CHANNELIZED SECTION, SWAMP LAND ACT OF 1850

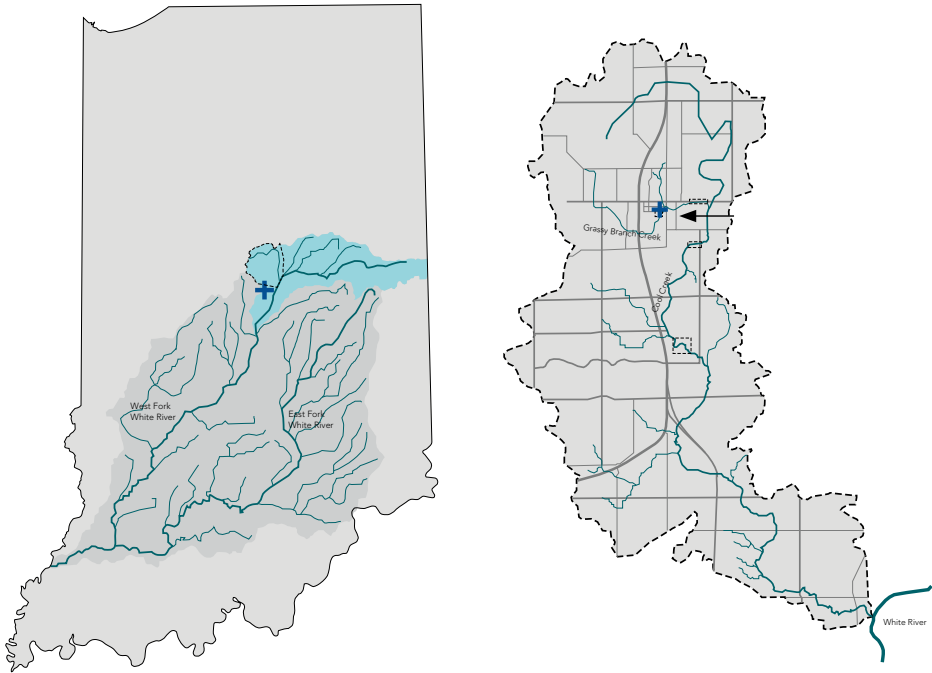


PROPOSED CROSS SECTION OF RESTORED RIPARIAN CORRIDOR

PROJECT ORIGINS
ENVIRONMENTAL FACTORS
WATERSHEDS

Watersheds are areas of water flow and the gathering of lesser streams into larger waterways. There are areas that affect Westfield upstream; there are areas that are affected by Westfield downstream. A majority of Indiana’s water flows down creeks and tributaries into the White River watershed. Eventually, all of this water drains into the Ohio River and then to the Mississippi River.

Westfield and the Grassy Branch Creek are part of the Cool Creek Watershed. There are known problem areas where flooding and overflows occur. One of these sites is upstream from the park, and inspired a low-impact ecological approach to the design of the stream bed profile.

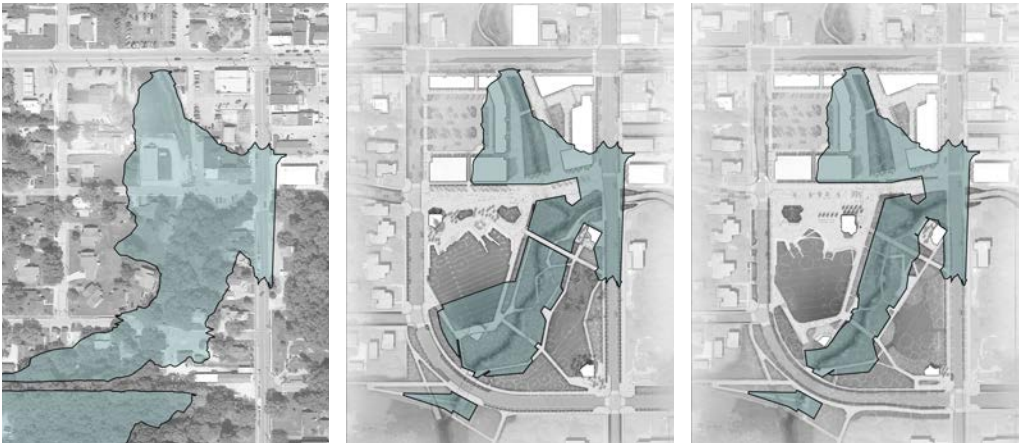


- INDIANA WATERSHEDS**

 - White River Watershed
 - Upper White River Watershed
 - Cool Creek Watershed
- COOL CREEK WATERSHED**

 - Creeks, Rivers
 - Roadways
 - Problem Zones

100 - YEAR FLOOD EXTENTS

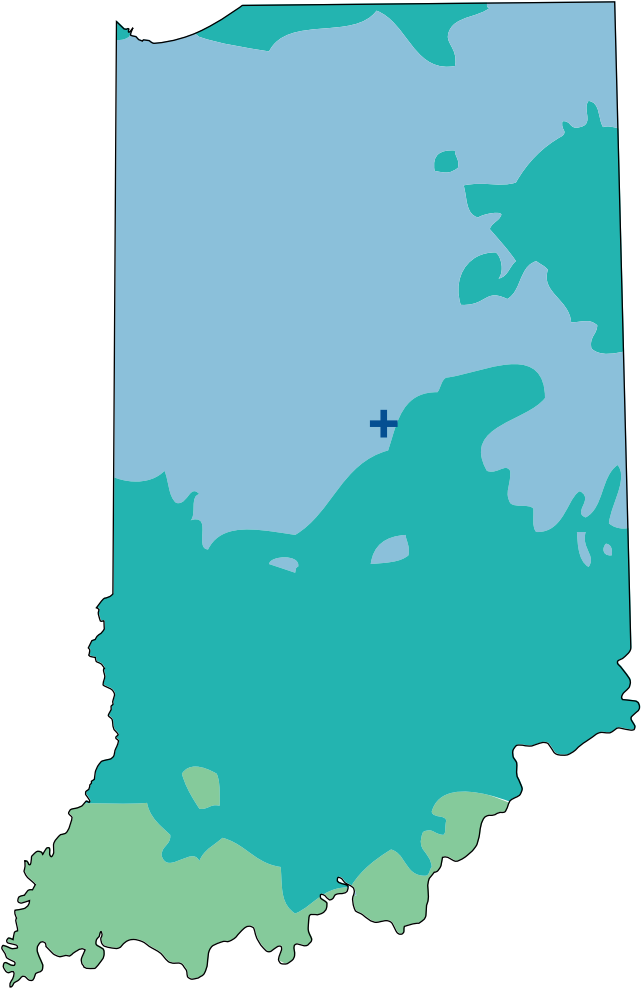


CURRENT FLOODPLAIN CONCEPT DESIGN FLOODPLAIN SCHEMATIC DESIGN FLOODPLAIN

PROJECT ORIGINS
ENVIRONMENTAL FACTORS
ECOTONES

On the USDA Plant Hardiness Zones delineation, Westfield straddles zones 5b and 6a (the average annual minimum temperature ranges between -15° F and 0° F). Only plants that can tolerate these minimum temperatures will be used in the landscape. However, microclimate variations and the presence of snow/salt can influence the survivability of plants; the plant selections respond to these challenges and opportunities.

The climate of Indiana and the associated Hardiness zones inform four recognizable regional landscapes: woodland, riparian corridor, prairie, and the cultivated agrarian fields informed by the Jeffersonian grid.



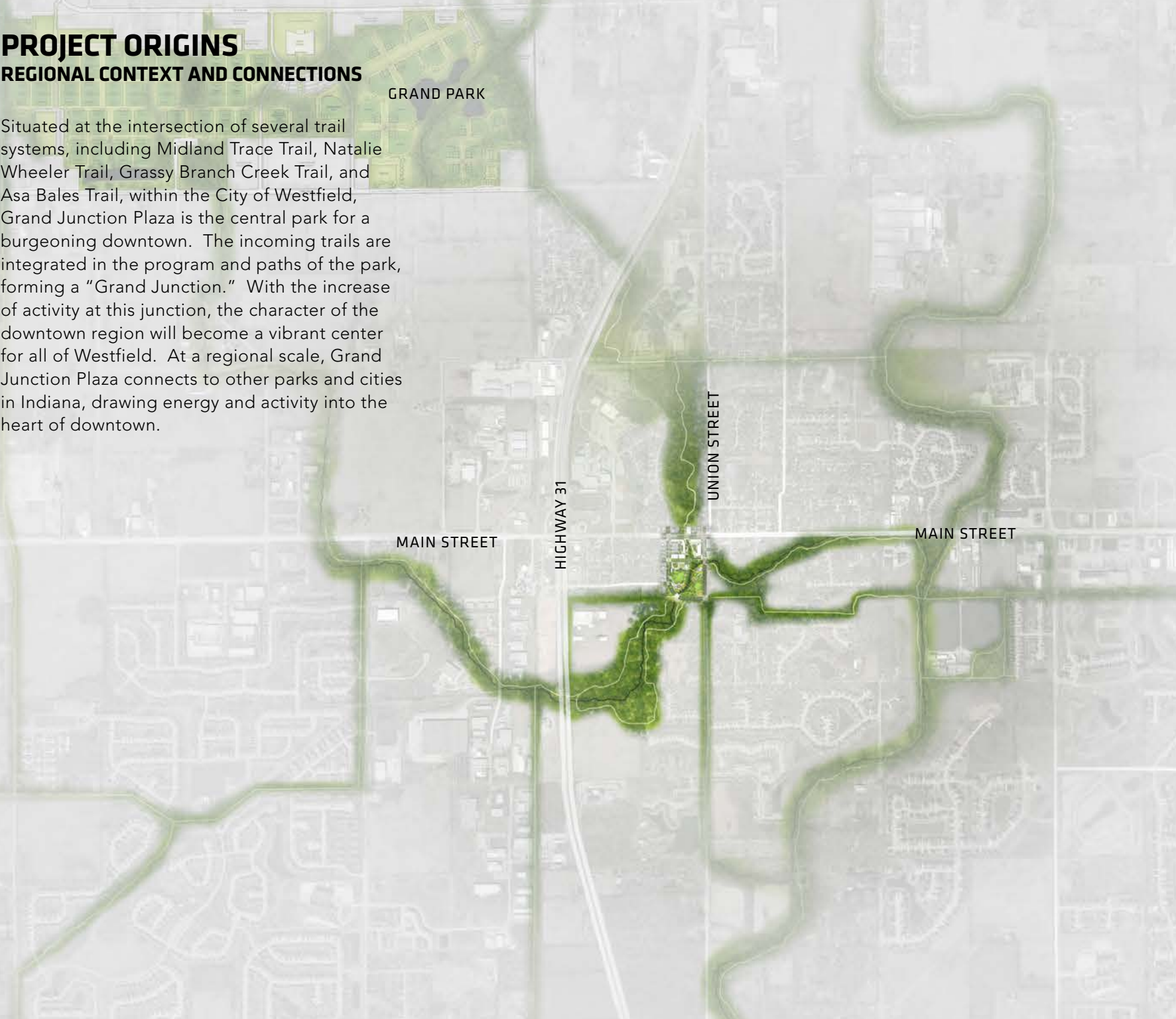
USDA PLANT HARDINESS ZONES

- 5b (-15 to -10 F)
- 6a (-10 to -5 F)
- 6b (-5 to 0 F)

PROJECT ORIGINS

REGIONAL CONTEXT AND CONNECTIONS

Situated at the intersection of several trail systems, including Midland Trace Trail, Natalie Wheeler Trail, Grassy Branch Creek Trail, and Asa Bales Trail, within the City of Westfield, Grand Junction Plaza is the central park for a burgeoning downtown. The incoming trails are integrated in the program and paths of the park, forming a “Grand Junction.” With the increase of activity at this junction, the character of the downtown region will become a vibrant center for all of Westfield. At a regional scale, Grand Junction Plaza connects to other parks and cities in Indiana, drawing energy and activity into the heart of downtown.



TRAIL SYSTEM

- GRASSY BRANCH CREEK TRAIL
- ASA BALES PARK TO MONON TRAIL
- MIDLAND TRACE TRAIL
- NATALIE WHEELER TRAIL



PROJECT ORIGINS

HISTORICAL CONTEXT

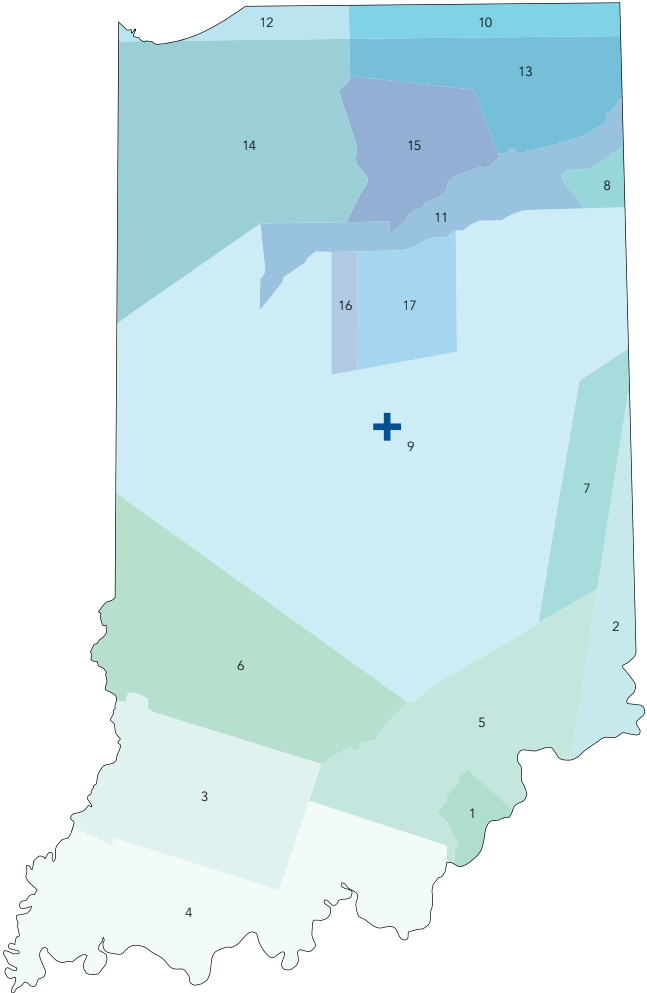
THE CITY OF WESTFIELD

Indiana was originally occupied by Native Americans from the Shawnee and Miami tribes. Through successive treatises, the land became inhabited by farmers and people moving west. The City of Westfield was founded on May 6th, 1834 by three members of the Society of Friends, commonly known as Quakers, who came to Indiana from North Carolina: Asa Bales, Ambrose Osborne, and Simon Moon.

Implemented by Thomas Jefferson in 1785 to support the settlement of the Louisiana Territory, the Jeffersonian Grid is a physical manifestation of the power of equality, where every plot is of the same measure. The powerful grid divided territories into successively smaller plots. This regimented division of land has had a lasting effect on the present street grid, crop fields, and property delineations.

THE UNDERGROUND RAILROAD

The Underground Railroad had its beginnings in Indiana as early as 1831. The central route started in Louisville and Madison and made its way through Westfield, establishing the town as the North Central Station of the Underground Railroad by 1837. Westfield became known throughout the country as the “last hope” for slaves, for once a runaway reached the city there was little chance of the owner laying claim once more. Westfield was responsible for the freedom of more slaves than any other town in northern Indiana. Even the famous abolitionist and former slave, Frederick Douglas, traveled through Westfield by way of the home of Ephraim Stout.

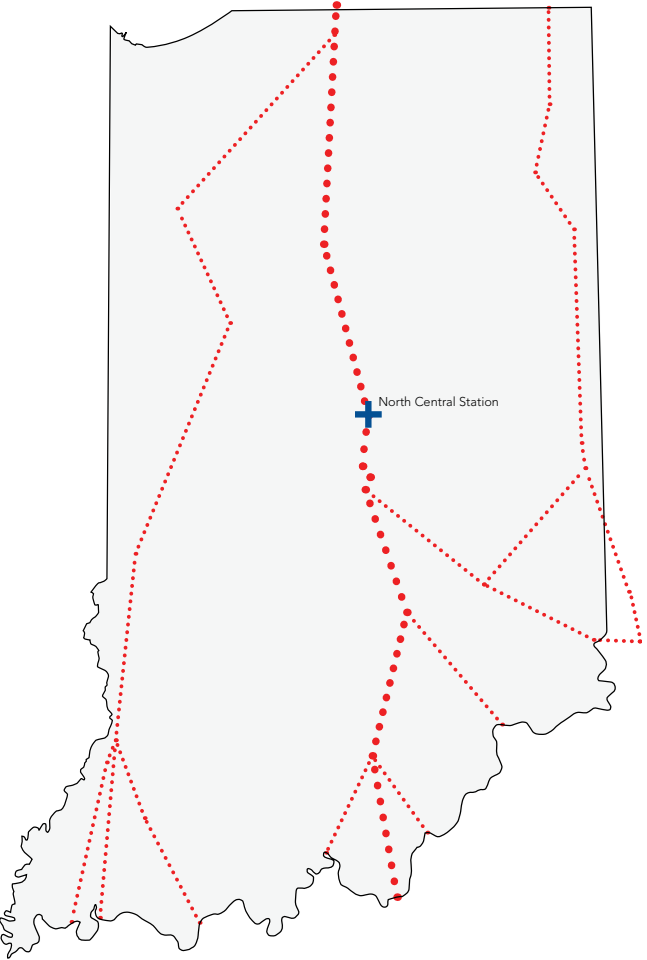


NATIVE AMERICAN TREATIES

1 G. R. Clark's Grant 1783	7 Fort Wayne 1809	13 Carey Mission 1828
2 Greenville 1795	8 Maumee 1817	14 Tippecanoe 1832
3 Fort Wayne 1803	9 New Purchase 1818	15 Tippecanoe 1832
4 Vincennes 1804	10 Chicago 1821	16 Wabash 1834
5 Grouseland 1805	11 Mississinewa 1826	17 Wabash 1840
6 Fort Wayne 1809	12 Mississinewa 1826	

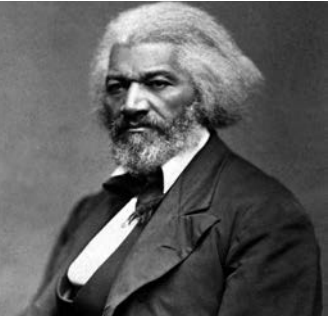


REMNANTS OF THE JEFFERSONIAN GRID



INDIANA UNDERGROUND RAILROAD ROUTES

- Central Route
- Other Routes through Indiana



“The Creeks ... could become the most distinctive feature of the natural environment of the town.”

— Westfield Historical Central Business District Improvement Study,
(as read by Mayor Andy Cook to the design team)



DONOR OPPORTUNITIES

- Titanium Donors

1

Stage Pavilion / Amphitheater

2

Riparian Corridor Restoration

3

Ice Skating Loop and Support Structure
- Platinum Donors

4

Cafe Pavilion

5

Cascading Fountain

6

Trailhead Pavilion

7

Stage Support Structure / Green Room
- Gold Donors

8

Children's Play Area 5-12 Years

9

Children's Play Area 2-5 Years

10

Plaza Overlook and Terrace Seating

11

Wetland Amphitheater

12

Boardwalk

13

Confluence Seating

14

Jet Fountain

15

Plaza Garden and Seating
- Silver Donors

16

Northern Bridge

17

Southern Bridge

18

Meadow Overlook

19

Meadow Lawn

20

Plaza Lighting
- General

Plaza Furniture

Plaza Pillows

Meadow Furniture

Inflatable Movie Screen

Benches

Planting Areas / Gardens

Trees



TITANIUM

1 - STAGE PAVILION / AMPHITHEATER

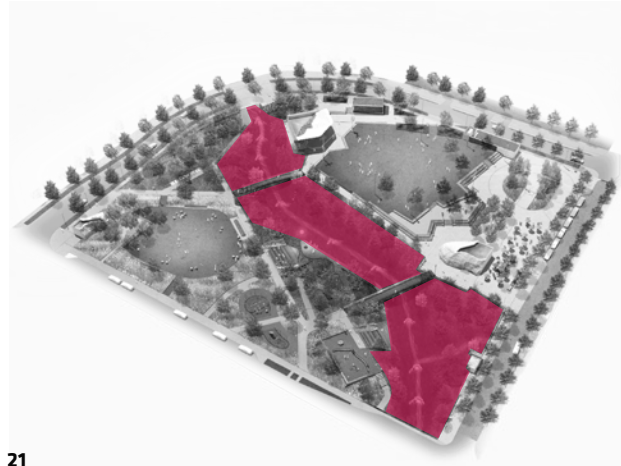
Grand Junction Plaza will be one of the premiere outdoor performance venues in Indiana and the Midwest. The Stage Pavilion and Amphitheater Lawn are designed with careful thought to elevate the performance possibilities of an outdoor venue. Inspired by the breaking of a limestone block, the Stage Pavilion is comprised of thousands of square stones that form a unique aesthetic, but more importantly, an acoustic backdrop capable of diffusing sound efficiently, providing optimal sound for performers and attendees alike. This is an asset that will entice performers to frequent this new venue, including the Indianapolis Symphony Orchestra and other headliners. Supported by the Great Lawn, visitors will experience exceptional sound quality. The Lawn has the capacity to formally seat up to 3,000, but can also accommodate smaller events whilst providing ample space for people picnicking on blankets or relaxing on lawn chairs.



TITANIUM

2 - RIPARIAN CORRIDOR RESTORATION

What makes Grand Junction Plaza one of the most unique parks in Indiana is the Grassy Branch Creek that bisects the site, creating two distinct sides. At the onset of this project, the Creek was challenged with ever-eroding banks, downed trees, and uncontrolled flooding. To make this park a success, the first step was to ensure the Riparian Corridor became a healthy, stable ecosystem and an amenity for the people of Westfield. To do this, the stream is undergoing rehabilitation with the implementation of a series of stone weirs that allow for pooling and rippling to slow and aerate the water, establishing new habitats for wildlife. At the same time, the Riparian Corridor will be widened to broaden stream banks, reconstituting the channelized creek allowing for the eradication of erosion. With these steps, the revitalized Riparian Corridor will become a place for everyone to engage with their natural environment.



TITANIUM
3 - ICE SKATING LOOP
AND SUPPORT STRUCTURE

In the cold winter weather, citizens of Westfield will stay warm gliding along Jersey Plaza’s winter ice loop. Grand Junction Plaza will feature one of the first outdoor ice ribbons in the area. The loop allows for changing perspectives as you glide around under the warm glow of the catenary lights. Novices just starting out can learn to skate and practice their pirouettes in the small ellipse closest to the Café pavilion. The Ice Loop allows the community to engage in the park throughout the winter, whether skating or enjoying hot chocolate on the nearby terrace seating. The ice loop becomes a draw for people across the county to enjoy a winter outing filled with fun, laughter, holiday music and hot treats!



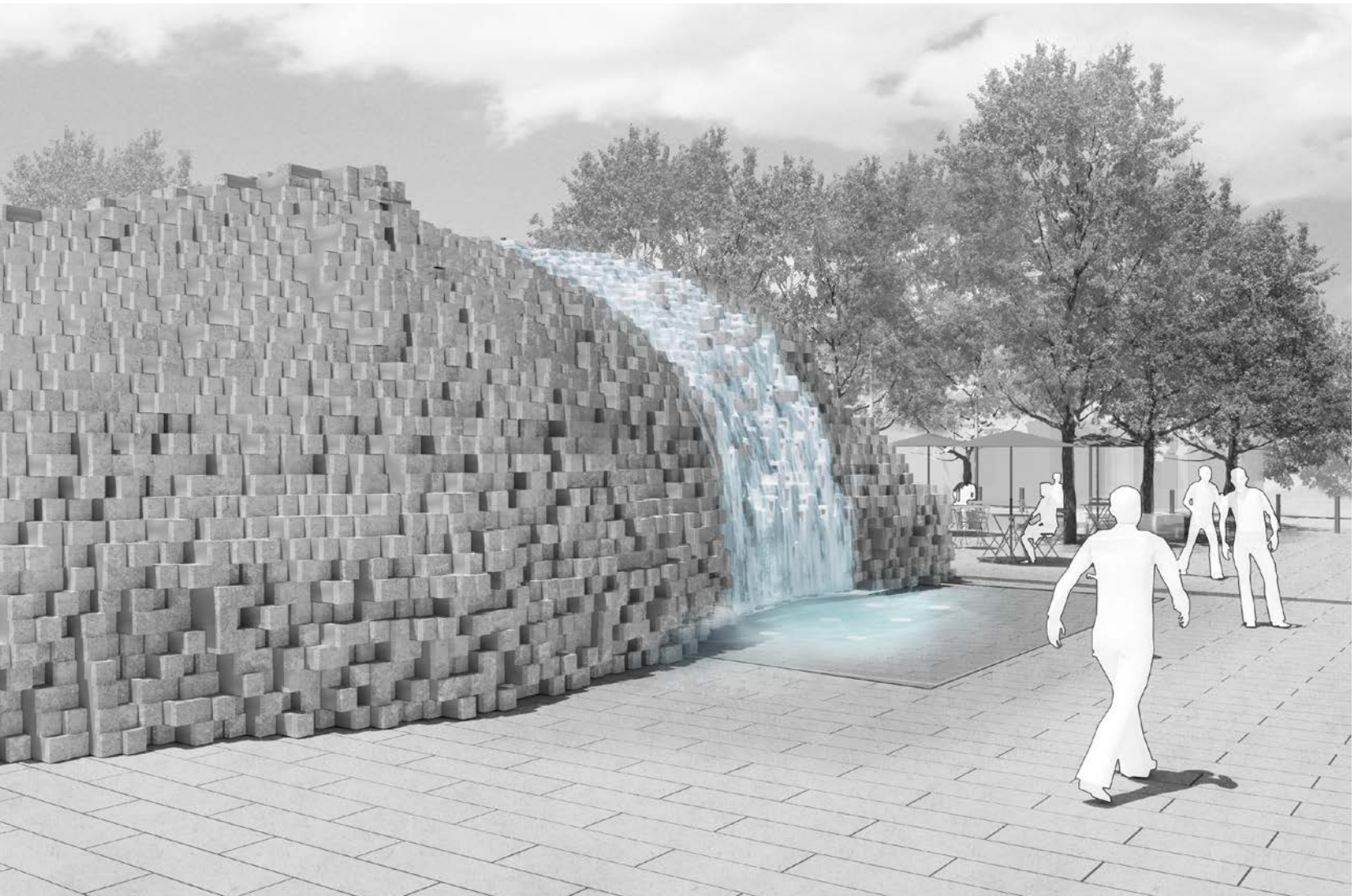
PLATINUM
4 - CAFE PAVILION



The Cafe Pavilion will be one of the most iconic and functionally important structures in the park. While the outer facade displays the highly articulated stone pixel concept, the interior is lined with warm wood, embracing visitors in comfort. In the summer months, guests

can enjoy sandwiches, coffee, or cool iced tea, and in the winter the cafe will provide a plentiful supply of hot chocolate and homemade soups. It is here in the winter months where visitors will rent their skates and buy a ticket for an afternoon of fun on the Ice Loop.

PLATINUM
5 - CASCADING FOUNTAIN



The Cascading Fountain is a whimsical element that adds levity and play to the plaza. The water overflows from the top of the Café Pavilion and spills down the side of the facade falling onto hundreds of stone "pixels," creating an enchanting experience. At times the water will

well up, creating a deluge down the side; at other times it will gently cascade. Additional spouts in the wall shoot out water at unexpected intervals.

PLATINUM
6 - TRAILHEAD PAVILION



The Trailhead Pavilion plays a key role in the southeast portion of the park. It sits at the intersection of the Midland Trace Trail and Natalie Wheeler Trail. As cyclists, runners, and walkers arrive, they will find respite at the Trailhead Pavilion. Here visitors will be able

to find restroom facilities as well as information on local downtown restaurants, trail connections, and upcoming events in the park, region, and city. This pavilion will be the home of Welcome Westfield and be accessible year - round.

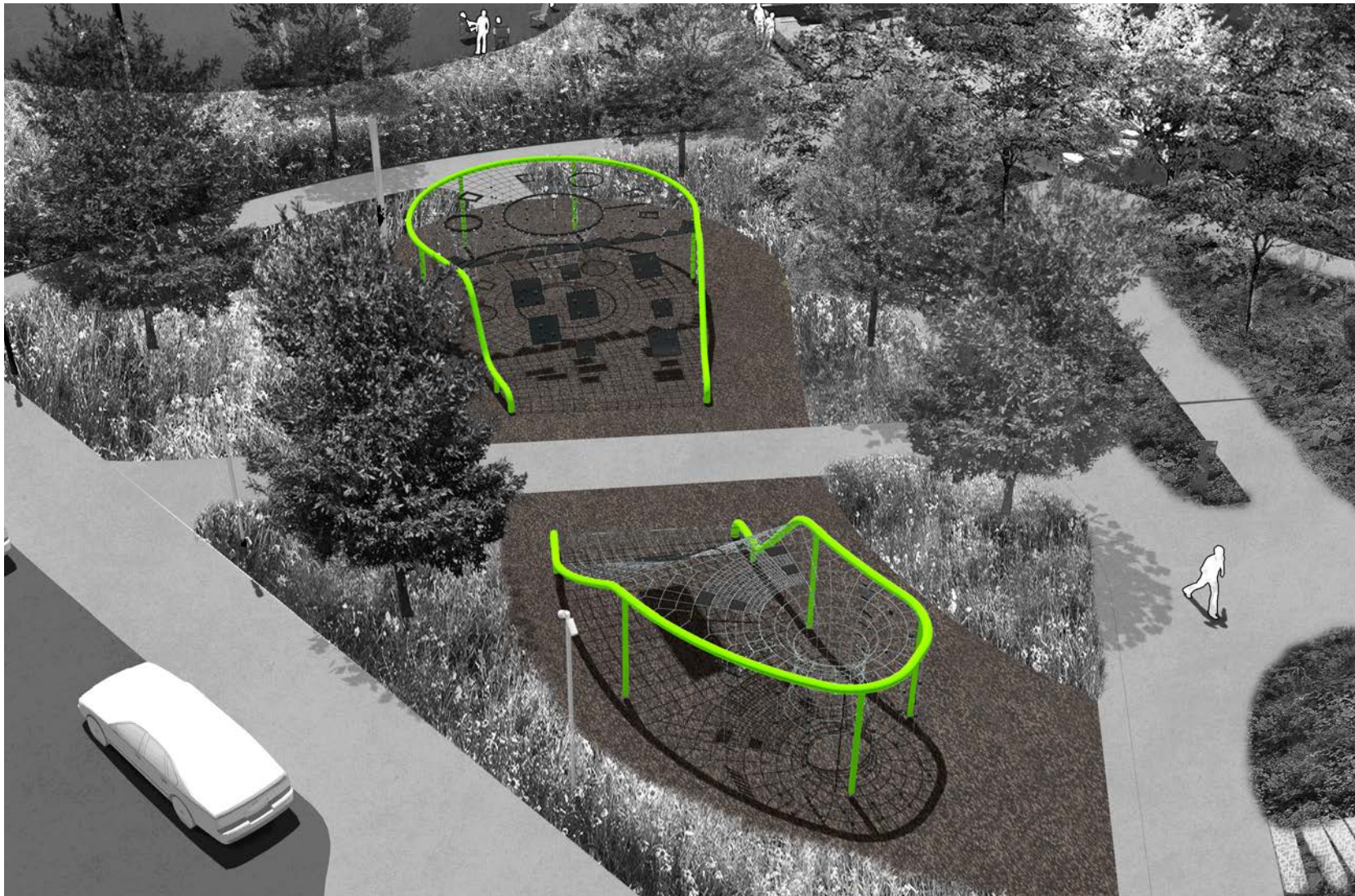
PLATINUM
7 - STAGE SUPPORT STRUCTURE / GREEN ROOM



Although disguised in vines, the Stage Support Structure / Green Room houses extremely important functional equipment in support of the performance venue. It also houses highly flexible space to accommodate family and group gatherings, birthdays, wedding

parties, or additional event space, as needed. During performances, this space becomes essential as a changing and green room space for performers.

GOLD
8 - CHILDREN'S 5 - 12 YEAR PLAY AREA



Children need challenges to grow. When engaged in running, swinging, and climbing on the rope structure, they learn how to deal with challenges in a fun and interactive way. The Wave is a simple form that incorporates a range of obstacles and rope constructions.

Children (and adventurous adults) will love hanging upside down, scaling the rope ladders, sliding down the slick rubber mats, and relaxing in the rope “nests” hanging below.

GOLD
9 - CHILDREN'S 2 - 5 YEAR PLAY AREA



Even younger visitors to the Park can engage in play specifically designed for their skill sets. This play area is designed for families with young children in the 2-5 year age range. Mom’s, dad’s and baby-sitters can sit on one of the many benches in the area and keep an

eye on their toddler while still seeing their older children playing on the adjacent Wave structure. The close proximity allows children to gradually expand their skills and move to the larger play structure when they feel ready.

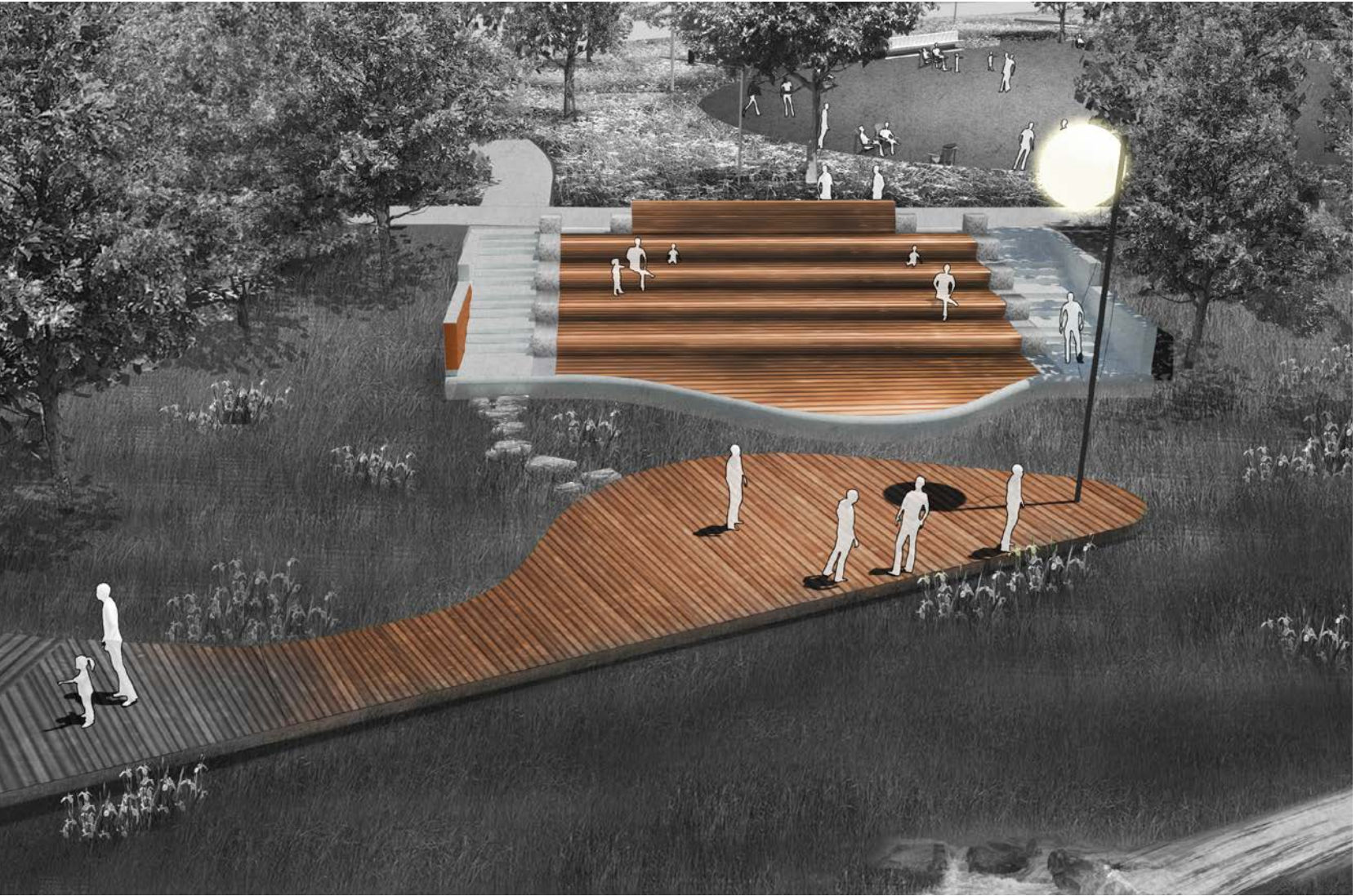
GOLD
10 - PLAZA OVERLOOK AND TERRACE SEATING



The southern side of the plaza is an articulated seating element that rises in three distinct tiers. Here, the community can gather to connect with one another and engage in conversation or simply people-watch. The tiered seating is a combination of local Indiana limestone and

wood slat seating that provides a comfortable material to sit upon. The terrace offers an elevated perspective over the plaza where one can observe the festivities below.

GOLD
11 - WETLAND AMPHITHEATER



The Wetland Amphitheater offers space for people to gather nestled into the slope of the Riparian corridor. Very few places offer this unique engagement with the creek. The amphitheater allows for a new perspective and opportunities for performance with a stage

surrounded by wetland reeds. The intimacy of the space is ideal for small performances, Shakespearean readings, music events, or small weddings.

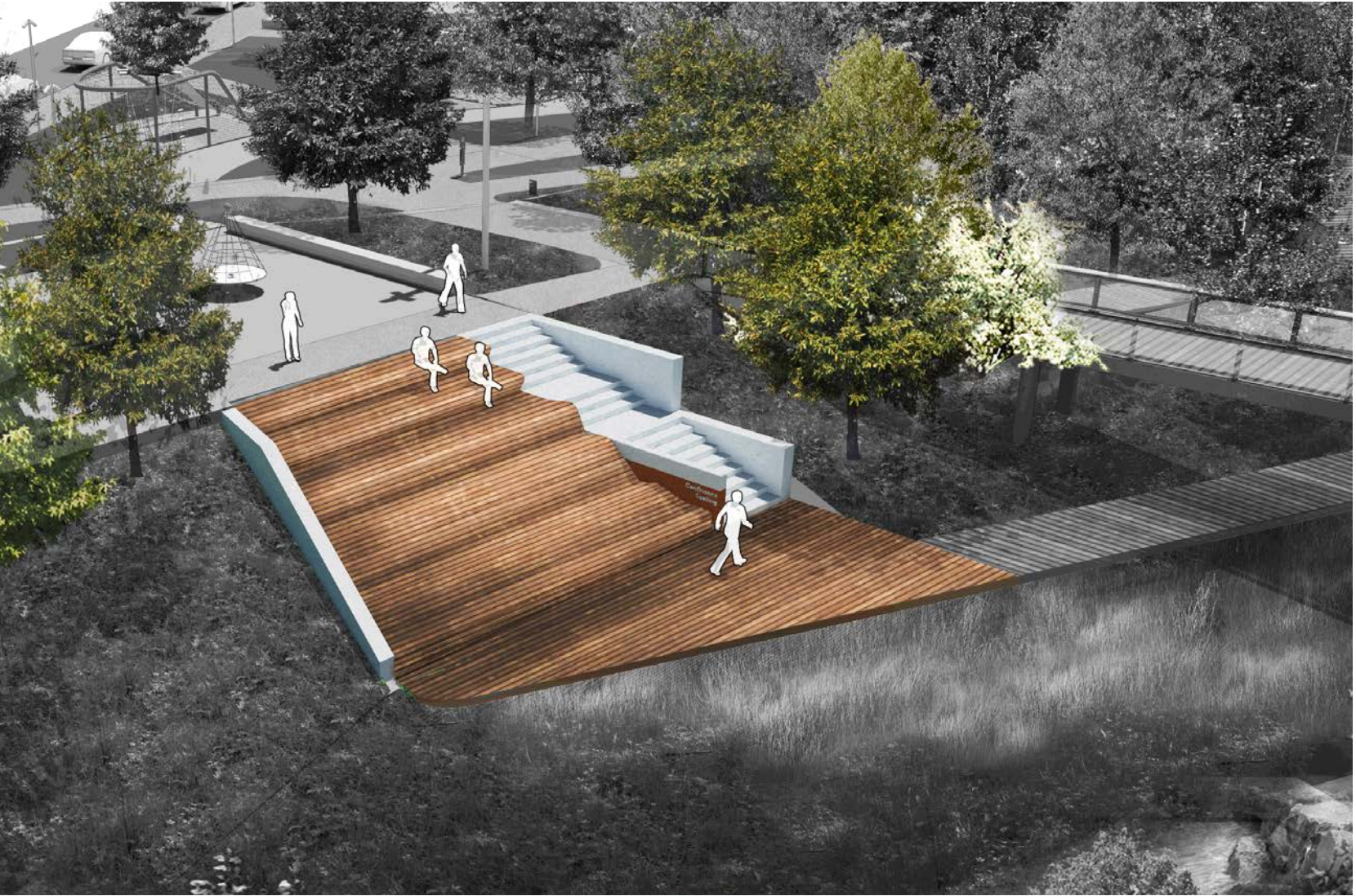
GOLD
12 - BOARDWALK



The Riparian Boardwalk is one of the most important elements in the project, as it allows people to get down close to the Creek. The Boardwalk connects the Confluence Seating with the stage at the Wetland Amphitheater. Here children can see fish swimming and other

flora and fauna that comprise a healthy ecosystem. The boardwalk also provides a unique opportunity to walk within the riparian corridor and view the park from a new perspective.

GOLD
13 - CONFLUENCE SEATING



The Confluence Seating is designed for the sole purpose of gathering and relaxation. This will be one of the most engaging elements in the park as the wood form pours down the side of the hill to create distinctive ergonomic seating. Here on the wooded hillside, your

body can melt into the sculpted forms, a perfect place to observe the confluence of the two streams whilst listening to the splashing of the creek below.

GOLD
14 - JET FOUNTAIN



The Jet Fountain is a key element of the plaza design. The fountain is comprised of nine jets that will allow for varying heights set in a shallow skim of water. Lights integrated into the paving provide

additional interest during the evening hours. The fountain provides a focal point in the Plaza area set under the dappled light of a grove of columnar Ginkgo trees.

GOLD
15 - PLAZA GARDEN AND SEATING



Located within the heart of the Plaza, the Plaza Garden and Seating offer a more intimate gathering experience. Surrounded by a grove of Quaking Aspen and a perennial garden, this inward - facing bench

allows for small groups to gather in a quiet setting, separated from the activity of the surrounding Plaza.

SILVER
16 - NORTHERN BRIDGE



The Northern Bridge unites the childrens' play area with the Cafe Pavilion and Jersey Plaza across Grassy Branch Creek. At the same time, it provides a unique view above the Riparian Corridor for visitors to watch the Creek flowing by below.

SILVER
17 - SOUTHERN BRIDGE



The Southern Bridge has a distinct humpback form to comply with flood regulations, and has a comfortable wood lean for people to observe the Riparian Corridor below. From this spot you can look out to the water below and beyond, observing friends in the Wetland Amphitheater or kids engaging in play along the creek edge.

SILVER
18 - MEADOW OVERLOOK



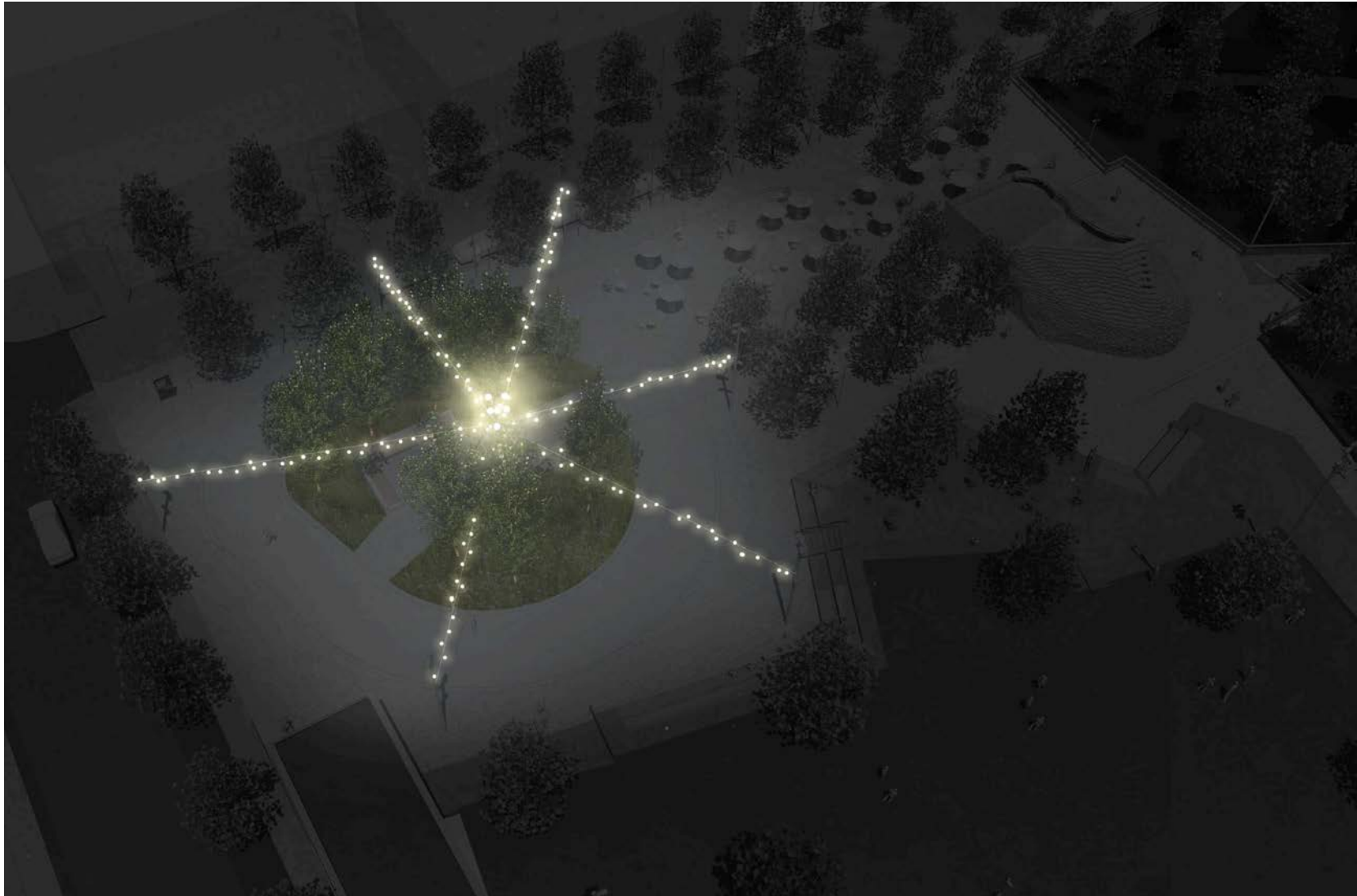
The Meadow Overlook is an elevated plateau where visitors can observe the activity of the meadow and lawn. This overlook is set within a bosque of Yellowwood trees complete with Adirondack chairs.

SILVER
19 - MEADOW AND MEADOW LAWN



The meadow lawn provides a space in the park that is tucked away, with Adirondack chairs scattered throughout and three long benches forming the perimeter. The meadow itself recalls the local prairie typologies that are ubiquitous across the Indiana landscape.

SILVER
20 - PLAZA LIGHTING



Bringing the plaza to life after the sun has set is crucial for the success of Grand Junction Plaza. After enjoying a dinner at local restaurants, people will gather at the Plaza guided by the distinct illumination.

The unique quality and warm nature of the catenary lights provides memorable evening experiences and adds a festival vibe for visitors throughout the year.

DONOR RECOGNITION
JERSEY PLAZA DONOR WALL



The Donor Wall, located on the Ice Rink Support Structure green wall at Jersey Plaza, will be used to recognize those who helped make Grand Junction Plaza a reality. Individual Corten Steel plaques will be available for donors and memorial or legacy donation names.

GENERAL DONOR OPPORTUNITIES

PLAZA FURNITURE



Moveable tables, bistro chairs, and umbrellas allow for flexible seating and the accommodation of multiple events.

MEADOW FURNITURE



Adirondack Chairs offer a comfortable means to rest your feet and enjoy the beauty of the meadow. Name plaques located on the back of the chairs are available for recognition.

PLAZA PILLOWS



Branded pillows brighten the plaza in vibrant colors and heighten the comfort of the lounge experience.

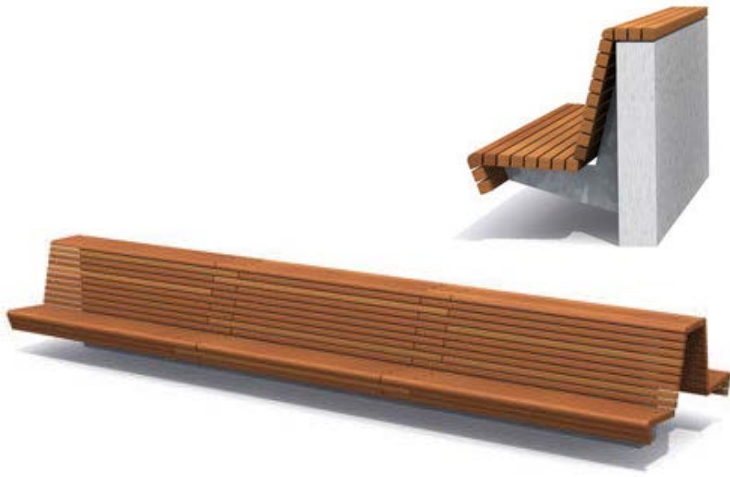
INFLATABLE MOVIE SCREEN



Bring your living room into the park for movie nights, sporting events, concerts, and more!

GENERAL DONOR OPPORTUNITIES

BENCHES



Beautiful wood benches fold over concrete forms to provide unique linear seating where people can relax in the meadow. Plaques are available to memorialize / recognize donors.

TREES



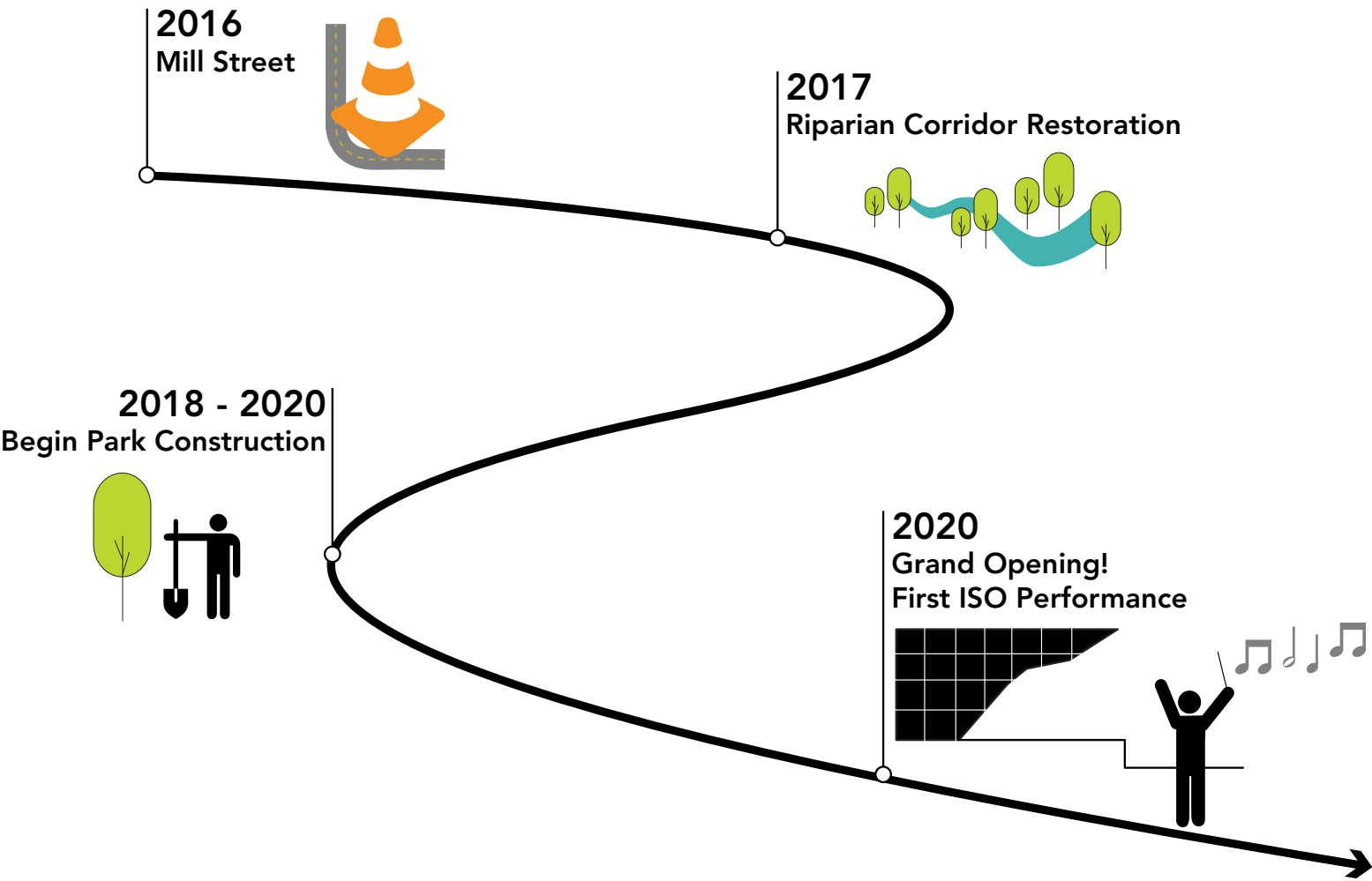
What makes a public space more inviting than trees? Breathe new life into the park and leave a legacy for many generations to come. Name plaques are available for recognition.

PLANTING AREAS/ GARDENS



Enhance the project with lush plantings and scented blooms. Have your name or the name of a loved one located on a plaque within the garden.

CONSTRUCTION TIMELINE



Please Contact Melody Jones, Westfield Parks and Recreation Director, for more information about how you can help make Grand Junction Plaza become a reality!

***mjones@westfield.in.gov
(317) 339-9068 mobile***